

PICK-AND-PLACE TEST HANDLER



- ▶ **Advanced Thermal Applications**
- ▶ **Up to 130W & 30W/cm² Power Dissipation**
- ▶ **Sub-Second Index Time, High Throughput**
- ▶ **Tri-Temperature (-5°C to +105°C)**
- ▶ **Single or Dual Test Sites**
- ▶ **Automated Tray Handling**

Specifications

ADAPTATION KITS

DEVICE TYPE	BGA, LGA, PGA, MCM (for other package types, consult Delta Design)
PACKAGE SIZE	Minimum – 25mm x 25mm (consult Delta Design for smaller devices) Maximum – 63mm x 63mm Thickness – up to 8mm
PACKAGE CHANGEOVER	<30 minutes for similar package types
CONTACTOR	Delta Design high-performance contactors or customer-specified contactors

PLATFORM

MEDIA	JEDEC trays (for other trays please consult factory)
INPUT CAPACITY	2 – Automated tray positions 1 – Automated empty tray buffer
SORT CAPACITY	5 – Automated tray positions 7 – Automated tray positions (optional) 15 – Automated, single tray plus 3 multi-tray locations (optional)
TEST SITE	Vertical test head docking plane x1 configuration – standard x2 configuration – optional
TURRET CAPACITY	x1: 8 chucks – standard x2: 4 chucks – optional
INDEX TIME	x1: 700ms (device and configuration dependent)

THROUGHPUT	x1: 1400 UPH (test time and device dependent)
TEMPERATURE RANGE	-5°C to +105°C
VARIATION FROM SETPOINT	±2°C of setpoint at start of test
POWER DISSIPATION	Power density to 30W/cm ² , 130 Watts maximum (package dependent)
ESD	< 100V w/ optional ionizers
USER INTERFACE	Windows-based, color touchscreen
COMMUNICATION INTERFACE	RS 232 or GPIB (consult factory for other options)
POWER REQUIREMENTS	208VAC, 50/60 Hz, three phase, 30 amp
AIR	80 psi, 25 scfm (clean, dry air)
SYSTEM DIMENSIONS	72"L x 53"D x 60"H (w/o light tower) (1.80m x 1.36m x 1.53m)

CHILLER

COOLING	Air-cooled
POWER REQUIREMENTS	Integrated into handler
SYSTEM DIMENSIONS	Integrated into handler

Specifications subject to change without notice.
For detailed performance specifications, please contact Delta Design.



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